

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
27 January 2005 (27.01.2005)

PCT

(10) International Publication Number
WO 2005/008154 A1

(51) International Patent Classification⁷: **F25D 23/06**

(21) International Application Number:
PCT/BR2004/000116

(22) International Filing Date: **14 July 2004 (14.07.2004)**

(25) Filing Language: **English**

(26) Publication Language: **English**

(30) Priority Data:
PI 0303081-4 16 July 2003 (16.07.2003) BR

(71) Applicant (for all designated States except US): **MULTI-BRÁS S.A. ELETRODOMÉSTICOS [BR/BR]**; Avenida das Nações Unidas, 12.995 - 32º andar, 04578-000 São Paulo - SP (BR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KOLB FILHO, Ricardo [BR/BR]**; Rua Max Colin, 1214 - ap. 502,

89204-040 Joinville - SC (BR). **SANTOS JÚNIOR, Ignácio, João dos [BR/BR]**; Rua Servidão Bernardo Francisco Freudenberg, 1724, 89210-660 Joinville - SC (BR). **AMARAL, Claiton, Emílio do [BR/BR]**; Rua Irani, 554 - Floresta, 89211-610 Joinville - SC (BR).

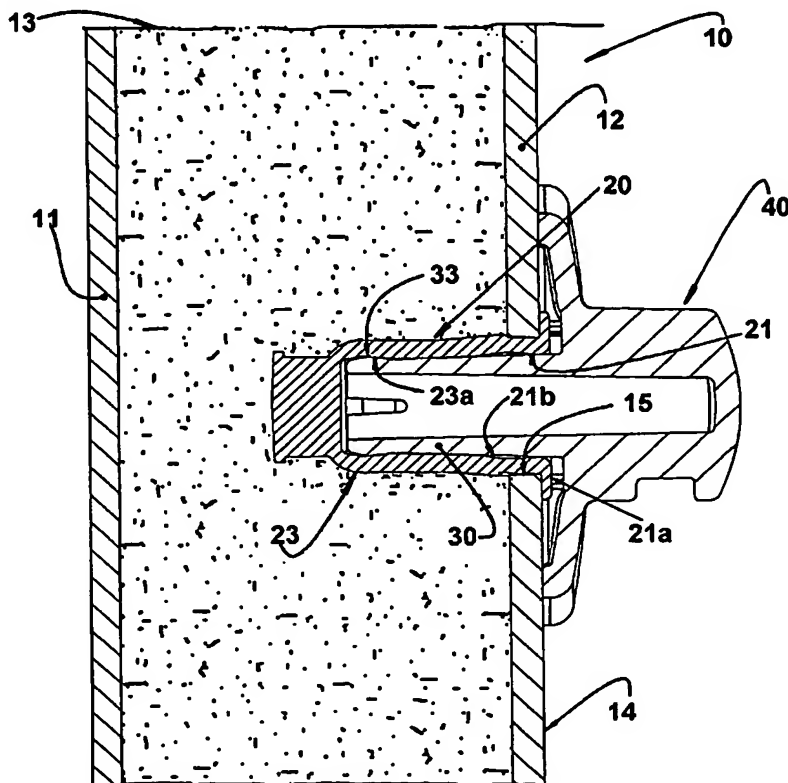
(74) Agents: **ARNAUD, Antonio, M.P. et al.**; Rua José Bonifácio, 93 - 9th floor, 01003-901 São Paulo - SP (BR).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: **MOUNTING ARRANGEMENT FOR THE INTERNAL DIVIDING MEANS IN REFRIGERATORS AND FREEZERS**



(57) Abstract: A mounting arrangement for the internal dividing means in refrigerators and freezers, having a cabinet (10) formed by an external box (11); at least one internal box (12) and a thermal insulator (13) injected between the external box (11) and the internal box (12). The mounting arrangement comprises: at least two holes (15) which are horizontally spaced from each other and produced through a respective lateral wall (14) of the internal box (12) and through part of the thickness of the thermal insulator (13); a tubular bushing (20) tightly fitted in each of said holes (15); and at least one support member (40, 50) configured to support, laterally, an internal dividing means of the cabinet (10) and to incorporate at least one pin (30) to be fitted and axially removably retained in each of said tubular bushings (20), securing the support means (40, 50) against a respective lateral wall (14) of the internal box (12) at a height defined upon the provision of the respective holes (15) in the already formed cabinet (10).

WO 2005/008154 A1

Published:

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.